AD-A204 559

DATE 2-8-89

TO: Information Services Branch

FROM: Computer Products Support Group RT
(Init)   KT   LD.
            (Init) (Init)

RE: DoD/SW/DK-89/003 . Announce in GRA&I
      (Report No.)

Priority Action is Required

Attached

☑ Form NTIS 231.

☑ Form 277

☑ NTIS 79

☑ RDP (OF 272)

☐ Proof Listing

☐ Consigned Inventory Acquisition
   Form (Interagency Agreement
   Number and Split)

Process for:

K File   ☐ Documentation
(Data)   ☐ Diskette

- - - - - - - - - - - - - - - - -

H File   ☑ Documentation
(Software)   ☑ Diskette

Action

☐ Loan Document Form Attached

☑ Defense Sponsored. Acquire ADA Number

☐ Order Pending. Return immediately after copying
   necessary pages.

DTIC
SELECTED
FEB 27 1989
S a D
D

Remarks

Please make sure the documentation
AD # which is included with this Diskette,
is included with (DoD/SW/DK-89/004)

Highlight

Computer Products Transmitta

89 2 24 034

☐ DELETE ☒ NEW ☐ REPLACE ☐ CORRECTION

AD-A204 559

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET	1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO.	3. SUBJECT
		DOD/SW/DK-89/003	

4. PRODUCT *(circle one)*

DATA FILE   PUBLICATION

DATA BASE REFERENCE SERVICE   (SOFTWARE)   MODEL, SIMULATION

5. AGENCY, BUREAU, DIVISION, AND ADDRESS

Department of Army
The Hydrologic Engineering Center, Corps of Engineers
609 Second Street
Davis, California 95616

6. PRODUCT NAME *(Use agency nomenclature)*

Corps of Engineers Editor (COED) (for Microcomputers)

7. DESCRIPTORS OF PRODUCT *(Keywords, identifiers, etc.)* *Software,

Word Processor
Text Editor
Computer Program

8. DATES OF COVERAGE *(For one-time reports, use as-of-date; for software, use date and release no.)*

Version Nov 87

9. FILE SIZE IN NO. OF:

Diskettes |_|_|1| PUNCHED CARDS |_|_|_|_|_|_|_|

10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. *(If NTIS sells, leave blank)*

11. PRICE INFORMATION

Price code: DØ1   Price includes documentation:

12. GEOGRAPHIC SCOPE

13. TECHNICAL REPRESENTATIVES *(List at least one for subject and one for media)*

NAME	TITLE	PHONE NO.
Bill Charley	Hydraulic Engineer	(916) 551-1748
Jeff Houghten	Computer Programmer Anal	(916) 551-1748
Art Pabst	Sup Hydraulic Engineer	(916) 551-1748

14. DOCUMENTATION

☒ AVAILABLE as:

EXPECTED AVAILABILITY DATE

NA

15. COMPUTER PRODUCT ABSTRACT

COED is an editor containing full-screen editing capabilities, along with a powerful line-oriented command set that can be executed interactively or in a batch mode. COED is functional for most general text editing necessary for data preparation and program development. COED contains some additional features to aid in the preparation of data input files for several HEC programs. This includes right justifying data into predefined fields, and providing HEC program data variable names and definitions identified by the cursor location. The program is written in FORTRAN 77 with machine-dependent I-O. The line-edit mode is usable on any terminal. Full-screen mode is available for MS-DOS computers (or compatibles), and can be implemented on most "smart" terminals...Software Description: The program is written in FORTRAN 77 for implementation on IBM PC/XT compatible equipment, using MS/PC DOS 2.1+ operating system. (KR)

Accesion For

NTIS CRA&I	☑
DTIC TAB	☐
Unannounced	☐
Justification	

By MT SO -NTIS

Distribution /

Availability Codes

| Dist | Avail and/or Special |
| A-1 | 2, |

16. DATA FILE TECHNICAL DESCRIPTION

The software is contained on __5¼__ -inch diskette, __double__ density (360K), compatible with the __IBM PC/XT__ microcomputer. The diskettes are in the __ASCII__ format.

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran __X__ COBOL _____ Basic _____ Assembly _____ Other (Specify) __FORTRAN 77__

Software requires;

CPR Mfr. __IBM PC__ Model(s) _____ Operating system(s) __MS/PC DOS 2.1+__

Minimum of __512__ K bytes core. The following special features and/or additional requirements in hardware:
Two 5¼" floppy disk drives, or one 5¼" floppy disk drive and a hard disk. Hard disk or high-density floppy is recommended for use of "Help Program" feature.

| SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE | SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED |
| | |

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date			02. Form Prepared By *(Name and Phone)*	03. Reel ID Number *(Property Control No.)*
Year	Month	Day	Vernon R. Bonner	

04. Recording Date			05. File Identifier or Descriptive Title	06. Short Title *(External Label Name)*
Year	Month	Day	COED, Corps of Engineer Editor	COED

07. Source Unavailable			08. Documentation		09. File Position on Reel
Year	Month	Day	Yes No Available		
			X (Enter Citation)		_____ of _____

10. To Be Returned	11. Submitting Organization & Address	12. Receiving Organization & Address
Yes No — To Other Than The Sender: X	Department of Army The Hydrologic Engineering Center Corps of Engineers 609 Second Street Davis, California 95616	United States Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, Virginia 22161

13. Due Back Date

Year	Month	Day

14. Technical Contact(s) & Phone Number(s)

Bill Charley, Jeff Houghten, Art Pabst (916) 551-1748

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit IBM PC or compatibles	17. No. of Tracks			18. Parity		19. Density *(BPI)*
		7	9	Other	Odd	Even	
	16. Tape Subsystem						

RECORDING SOFTWARE	20. Operating System, Release & Version MS DOS 2.1 or greater	22. Internal File Identifier
	21. Utility Program or Data Base Language PKXARC.COM (included) used to de-archive files with .ARC extens.	

23. Characters Set *(Graphics)*	☒ ASCII ☐ BCD ☐ Other *(Specify)* ☐ EBCDIC ☐ FIELDATA ☐ Non-Print Codes	24. Recorded Label *(Internal Label)*	☐ Header ☐ ANSI X 3.27 Standard ☐ Other ☐ Trailer ☐ FIPS Standard ☒ None

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical	27. Record Type	28. Records/Block *(Blocking Factor)*	29. TYPE OF FILE ORGANIZ-ATION *(Check One Box)*	
		☒ Fixed Length			☐ One File One Reel
	26. Logical	☐ Other Than Fixed	1		☐ One File Multiple Reels
RECORD LENGTH	30. Physical 80 ☒ Bytes ☐ Chars. ☐ Words (Bits/Word)				☐ Multiple Files One Diskette
	31. Logical ☐ Bytes ☐ Chars. ☐ Words (Bits/Word)				☒ Multiple Files Multiple

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints *(Specify if Yes)*

Yes	No
	X

33. For Submitting Organization Use

COED is provided on one 5¼" double-sided 360 KB floppy diskette in an archived format. The program PKXARC is included to unarchive COED.

Installation of the program to a hard disk drive or to a high-density diskette is recommended in order to use COED's "Help Program" feature.

277-101 INSTRUCTIONS ON OTHER SIDE

This diskette is intended mainly to be used along with an installation diskette for installing COED and its accessory files on a hard disk. However, COED can be manually installed on a hard disk or a floppy diskette by the procedure given below. It should be noted that either a hard disk or a high density floppy diskette is recommended in order to use COED's "Help Program" feature.

COED requires at least 484 Kbytes of free memory and DOS 2.1 (or later). The math coprocessor is not needed. The \CONFIG.SYS file should contain at least the following: FILES=15 and BUFFERS=10.

The COED program and the COED accessory files are in an archived form. To obtain an operational copy, they must be un-archived using "PKXARC". The files contained on this diskette are as follows:

File	Description
COEDEXE.ARC	The archived executable COED program.
COEDHLP.ARC	An archived file containing the main help file (for general help).
COEDHPG.ARC	An archived file containing program-help files to aid in data entry (e.g., for entering HEC2 data).
COEDDOC.ARC	An archived form of the February 1987 COED documentation.
PKXARC.COM	The program that un-archives the above files.
COED.XTK	A command file for the communications program Crosstalk (XVI) that may be used when connected to a mainframe computer with COED.
README.DOC	This file.

The following example shows how to un-archive the program and the help files from the A drive to the C drive:

        A:PKXARC A:COEDEXE C:\
        A:PKXARC A:COEDHLP C:\
        A:PKXARC A:COEDHPG C:\

The COED documentation can be un-archived in a similar manner, if desired. If you wish to store the files under a different directory, that directory is specified following the drive letter. If the files are to be stored on floppy diskettes, they must be formatted and have at least 360 Kbytes of space available per archived file.